

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/26474

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :G06F 11/16, 11/18, 11/20, 12/06  
 US CL :370/389; 711/200; 714/5-12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 370/389; 711/200; 714/5-12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

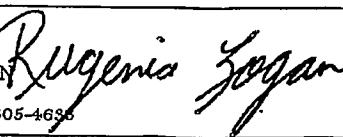
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,263,452 B1 (JEWETT ET AL.) 17 JULY 2001, COL. 7, LINES 26-67, COL. 8, LINES 1-67.	1-11
Y	US 5,978,570 A (HILLIS) 02 NOVEMBER 1999, COL. 10, LINES 10-67, COL. 12, LINES 1-67.	1-11
A	US 6,073,251 A (JEWETT ET AL.) 06 JUNE 2000, COL. 7, LINES 27-67, COL. 8, LINES 1-67.	1-11

Further documents are listed in the continuation of Box C.  See patent family annex.

-	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier document published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search	Date of mailing of the international search report
18 JANUARY 2003	20 FEB 2003
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-8230	Authorized officer WELLINGTON CHIN Telephone No. (703) 305-4636 

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US01/00587**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) :G06F 15/173

US CL :709/238

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 709/238

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
noneElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
STN/CAS, WEST 2.0**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,P	US 6,088,745 A (BERTAGNA et al) 11 July 2000, abstract.	1-59
Y	US 5,796,966 A (SIMCOE et al) 18 August 1998, abstract.	1-59
Y	US 5,291,481 A (DOSHI et al) 01 March 1994, abstract.	1-59
Y	US 5,121,383 A (GOLESTANI) 09 June 1992, abstract.	1-59

<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
*A*	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"C"	earlier document published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"D"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Z"	document member of the same patent family
"E"	document referring to an oral disclosure, use, exhibition or other means		
"F"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search  17 FEBRUARY 2001	Date of mailing of the international search report  102 MAY 2001
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